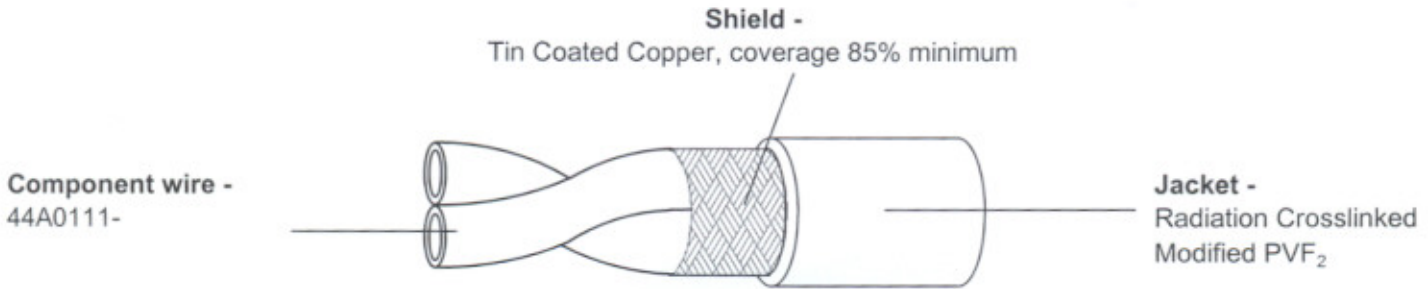


**TWO CONDUCTOR CABLE, RADIATION CROSSLINKED POLYALKENE INSULATED,
SHIELDED AND JACKETED, LIGHTWEIGHT, 150°C, 600 VOLT.**

The complete requirements for procuring the wire described herein shall consist of this document.



Part Number	Wire Size	Shield Size (mm)	Jacket Thickness (mm)		Overall Diameter (mm)		Maximum Weight (kg/ km)
			Min	Nom	Target	Max	
44A1121-30-*/*-*	30	0.10	0.15	0.20	2.22	2.33	8.74
44A1121-28-*/*-*	28	0.10	0.15	0.20	2.37	2.49	10.1

CABLE PERFORMANCE DETAIL			
Part Number	Mandrel Diameter (mm ± 3%) Life Cycle, Immersion, Accelerated Ageing and Cold	Weight (kg ± 3%)	
		Life Cycle, Immersion and Accelerated Ageing	Cold Bend
44A1121-30-*/*-*	63.5	0.11	0.68
44A1121-28-*/*-*	69.9	0.11	0.68

COLOUR CODE: The "*" in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681.
e.g. 44A1121-28-2/6-9, cores red/blue, jacket white
White preferred

PERFORMANCE REQUIREMENTS: To be tested in accordance with the issue in effect of QP-D-004 and meet the requirements of below:

Accelerated Ageing: 300 ± 3°C for 6 hours
Blocking: 150 ± 3°C for 6 hours
Dielectric Withstand: 2.5 kV (rms) for 1 minute
Flammability: 30 seconds Max.
76 mm Max. no flaming tissue.
Immersion: Diameter increase 5% Max.
no cracking, no dielectric breakdown
Jacket Elongation and Tensile Strength:
Elongation: 200% Min.
Tensile Strength: 27.6 N/ mm² Min.

Jacket Flaws:
Spark Test: 1.5 kV (rms) 100% test
Life Cycle: 200 ± 3°C for 168 hours
Low Temperature - Cold Bend:
-65 ± 2°C for 4 hours
Voltage Withstand Test (Post Environmental):
(After Accelerated Ageing, Immersion,
Life Cycle and Low Temperature-Cold Bend)
1 kV (rms) for 1 minute

DESIGN	PROD. MAN.	TECHNICAL	MANUFACTURE
<i>[Signature]</i> 10 th June 2004	<i>[Signature]</i> 10/6/04	<i>[Signature]</i> 10/6/04	<i>[Signature]</i> 10/6/04